

ABSTRACT

A protective overcoat layer having enhanced corrosion resistance properties is provided according to the present invention for use on magnetic recording discs. The protective overcoat layer includes a doped or non-doped carbon-containing layer, and a lubricant layer on top of the carbon-containing layer, with the lubricant layer having a >CNO functional end group. The carbon-containing layer may have a thickness less than 40 Å, while the lubricant layer may have a thickness less than 20 Å.